

CLAIMS

1. A gear wheel construction, characterized in that said gear wheel construction comprises a first gear wheel portion, including first half-teeth, which can be coupled to a second gear wheel portion, including second half-teeth, by adjustable coupling means, thereby said first and second half-teeth form by pairs teeth of said gear wheel, said second gear wheel portion being suitable to turn about said first gear wheel portion, about a rotary axis of said gear wheel, and being locked by said coupling means so as to change the distance of the first and second half teeth in each said pair.

2. A gear wheel construction, according to Claim 1, characterized in that said adjustable coupling means comprise screw means engaging in corresponding threaded recesses formed in said first gear wheel portion and passing through enlarged recesses formed in the second gear wheel portion.

3. A gear wheel construction, according to Claim 1, characterized in that said first gear portion and second gear portion are coupled by facing surfaces, to cause the surfaces of respectively said first and second half-teeth to face one another.

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4. A gear wheel construction, according to
Claim 3, characterized in that a distance of the
facing surfaces of said first and second half teeth
can be changed by changing the mutual positions of
said first gear wheel portion and second gear wheel
portion.

5. A conveyor device including a gear wheel construction according to Claim 1, characterized in that said conveyor device comprises an apron driven by a timing belt sliding on a frame and following at least a top flat driving path, as guided by driving rollers, and being entrained between two end pulleys, arranged at end portions of said driving path, at an intermediate region of said top flat driving path being provided a gear wheel arranged at a bottom between a pair of flat pulleys which, in cooperation with said gear wheel, cause said timing belt to follow a downward directed loop, the gear wheel comprising a first gear wheel portion including first half teeth, which can be coupled to a second gear wheel portion including second half teeth, by adjustable coupling means, to cause said first and second half teeth to form by pairs the teeth of said gear wheel, said second gear wheel portion being suitable to turn, with

respect to said first gear wheel portion, about a
rotary axis of said gear wheel and being suitable to
be locked by said coupling means to change the
distance of said first and second half teeth of each
said pair.

Add A2
Add C1